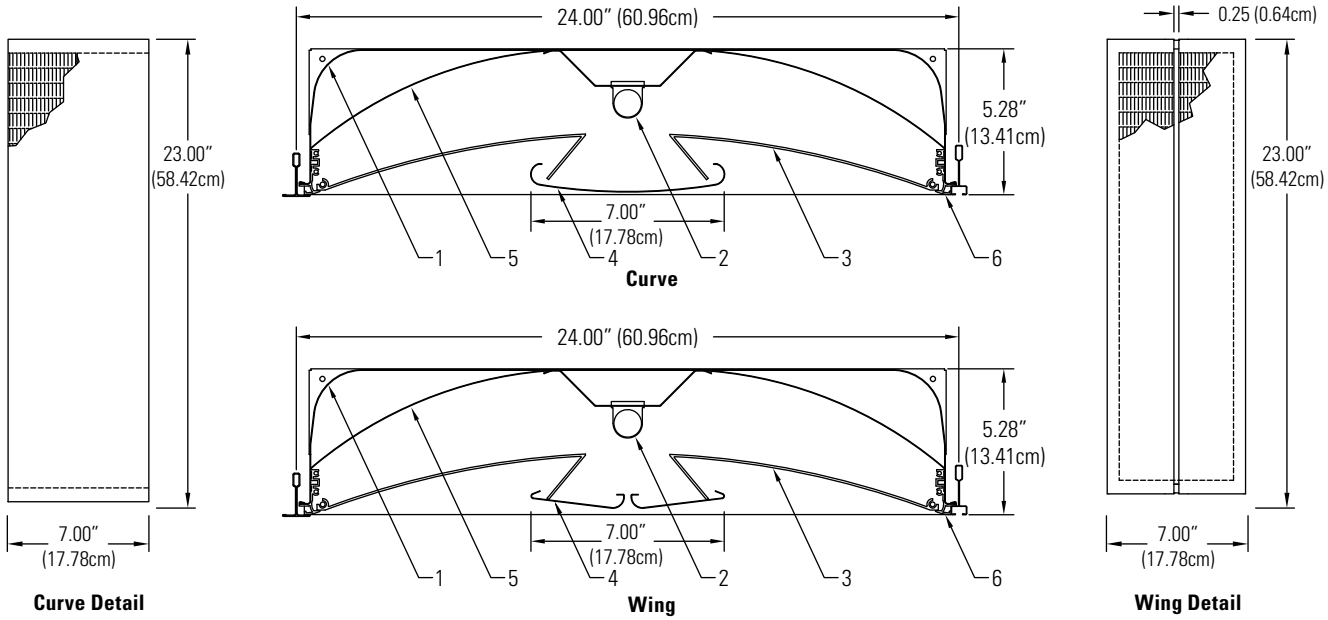

Ordering Information

Family	Shielding	Length	Lamps	Lamp Type	Ballast Factor	Voltage	Housing	Option
A			**1**	**T8**				
Aletta	**RC** = Radial w/ Curved Shield **RW** = Radial w/ Wing Shield	**2** = 2' (60.96cm) **4** = 4' (121.92cm)	**1** = 1 Lamp	**T8** = T8 Standard Output	**71** = .71 **78** = .78 **88** = .88 **10** = *1.0 Dimming and Static **12** = *1.2 Step Dimming	**1** = 120v **2** = 277v **3** = 347v	**U** = Individual Unit **S** = Starter **J** = Joiner **E** = Ender	**D** = Dimming **E** = EM Pack **2** = 2 Circuit **4** = 4 Through Wire **5** = 5 Through Wire

** For dimming, use "D" option. If "D" is not selected, ballast will be static.*

Features

1. **Housing:** 23 gauge pre-painted steel. 20 gauge available, consult factory.
2. **Lamp:** One T8. (by others)
3. **Faux Housing:** Extruded Frosty acrylic.
4. **Shield:** 24 gauge CRS powder painted white with 1/8" (0.32cm) x 5/8" (1.59cm) piercing on 3/16" (0.48cm) ctrs with .010" (0.25cm) opal overlay. Wings are separated by .020" (0.51cm) opal shield.
5. **Performance Kick Reflector:** .020" (0.51cm) 95%-98% reflective, UV resistant polypropylene.
6. **Trim:** Extruded aluminum trim, painted white, interfaces with ceiling grid or plaster frame by others.

Electrical

Ballasts are electronic and high power factor. Dimming ballasts are available on many lamp types, please consult factory regarding specific applications. 1325 max lumen battery pack is standard. See application table on page 2 for output with specific lamp types. Continuous luminaires utilize 12 gauge through wires. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.

Mounting

Housing is suspended by hanger wires and laid into standard or slot-T grid ceiling. Mounting accessory available for drywall installations (see page 2).

Labels

UL, cUL and I.B.E.W.

Ordering Instructions

Individual Fixtures:

1. Order quantity of Individual Units required.

Continuous Runs:

1. Order one Starter and one Ender fixture per run.
2. Order appropriate quantity of Joiner fixtures.

Continuous runs only - Prior to installing Aletta in a grid ceiling, the installing contractor must ensure that the fixture will set into two main runners, spaced 2' (60.96cm) on center. No grid cross members are required except at the beginning and end of the run.

Job Information **Type:**

Job Name:

Cat. No.:

Lamp(s):

Notes:

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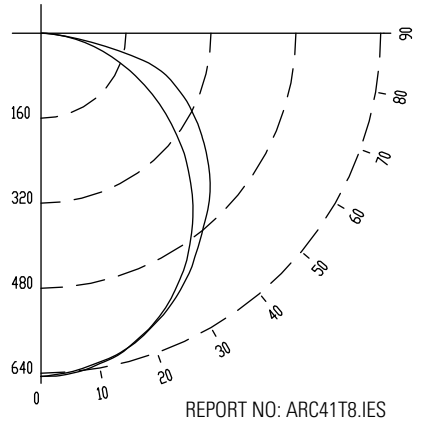
Curved Performance

CANDLEPOWER CURVE



REPORT NO: ARC41T8.IES
LAMPS: 1 FO32/835
LUMENS: 2950
EFFICIENCY: 64.1%

	CANDLEPOWER				
ZONE	0	22	45	67	90
	CANDELAS				
DEG.					
90	0	0	0	0	0
85	28	37	30	28	29
75	110	131	164	195	202
65	202	217	253	286	303
55	301	310	341	367	378
45	398	405	419	439	448
35	488	492	498	506	508
25	564	564	566	569	570
15	617	616	616	617	616
5	643	643	642	641	640
0	646	646	646	646	646

COEFFICIENTS OF UTILIZATOIN
% EFFECTIVE CEILING CAVITY REFLECTANCEE

	80			**70**			**50**		
	WALLREFLECTANCE								
	70	50	30	70	50	30	50	30	10
0	76	76	76	75	75	75	71	71	71
1	69	66	63	68	65	62	62	60	58
2	63	57	53	61	56	52	54	50	47
3	57	50	45	55	49	44	47	43	39
4	52	44	38	51	43	38	42	37	33
5	48	39	34	47	39	33	37	32	29
6	44	35	30	43	35	29	34	29	25
7	41	32	26	40	32	26	31	26	22
8	38	29	24	37	29	24	28	23	20
9	36	27	22	35	27	21	26	21	18
10	33	25	20	33	24	20	24	19	16

ROOM CAVITY RATIO

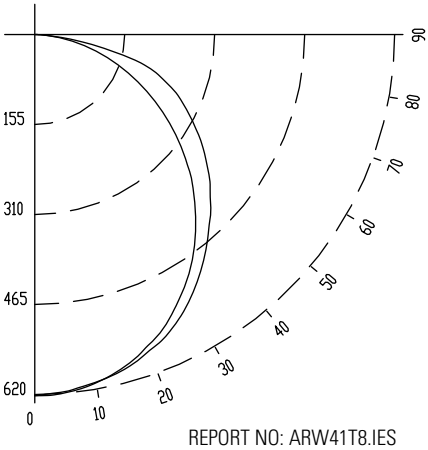
20% FLOOR CAVITY REFLECTANCE

DISTRIBUTION

Zone	**Lumens**	**% Lamp**	**% Luminaire**
0-90	1892	64.1	100
0-180	1892	61.4	100

Wing Performance

CANDLEPOWER CURVE



REPORT NO: ARW41T8.IES
LAMPS: 1 FO32/835
LUMENS: 2950
EFFICIENCY: 61.9%

	CANDLEPOWER				
ZONE	0	22	45	67	90
	CANDELAS				
DEG.					
90	0	0	0	0	0
85	26	36	34	31	26
75	107	124	155	180	189
65	198	211	240	269	282
55	294	304	326	347	357
45	387	396	409	423	429
35	473	478	489	496	498
25	544	545	552	558	559
15	593	592	594	596	597
5	619	619	618	618	617
0	622	622	622	622	622

COEFFICIENTS OF UTILIZATOIN
% EFFECTIVE CEILING CAVITY REFLECTANCEE

	80			**70**			**50**		
	WALLREFLECTANCE								
	70	50	30	70	50	30	50	30	10
0	74	74	74	72	72	72	69	69	69
1	67	64	61	65	63	60	60	58	56
2	61	55	51	59	54	50	52	49	46
3	55	48	43	54	47	43	46	41	38
4	50	43	37	49	42	37	40	36	32
5	46	38	32	45	37	32	36	31	28
6	43	34	29	42	34	28	33	28	24
7	40	31	26	39	31	25	30	25	21
8	37	28	23	36	38	23	27	22	19
9	34	26	21	34	26	21	25	20	17
10	32	24	19	32	24	19	23	19	16

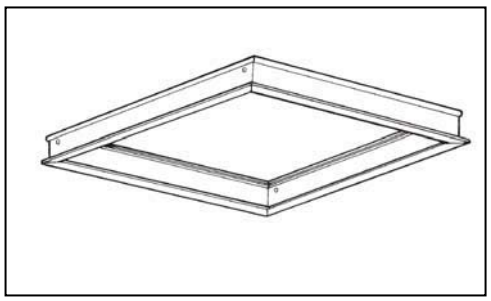
ROOM CAVITY RATIO

20% FLOOR CAVITY REFLECTANCE

DISTRIBUTION

Zone	**Lumens**	**% Lamp**	**% Luminaire**
0-90	1826	61.9	100
0-180	1826	61.9	100

Mounting Accessory



Drywall Conversion Kit
For Individual Units only
FK92X2 – Conversion Kit for 2' (60.96cm) Unit
FK92X4 – Conversion Kit for 4' (121.92cm) Unit

EM Pack Output Table

Lamp Length	Lamp Type	Lamp Rated Output	Lamp Wattage	Battery Lumen Output
4' (121.92cm)	T5HO	4450*	54	1250*
4' (121.92cm)	T5	2600*	28	1325*
4' (121.92cm)	T8	2950	32	1100
2' (60.96cm)	T5HO	1750*	24	725*
2' (60.96cm)	T5	1200*	14	750*
2' (60.96cm)	T8	1350	17	650

* 25°C Rating

Job Information **Type:**

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